

FIG. 1

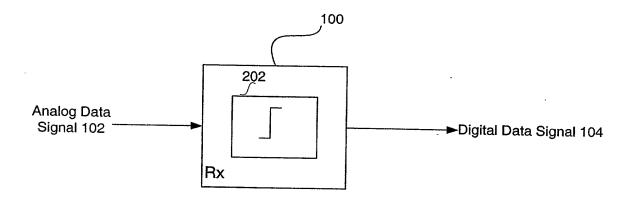
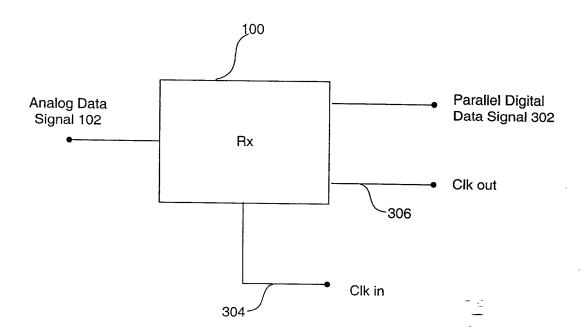


FIG. 2

300 -



Serial-to-Parallel Receiver

FIG. 3

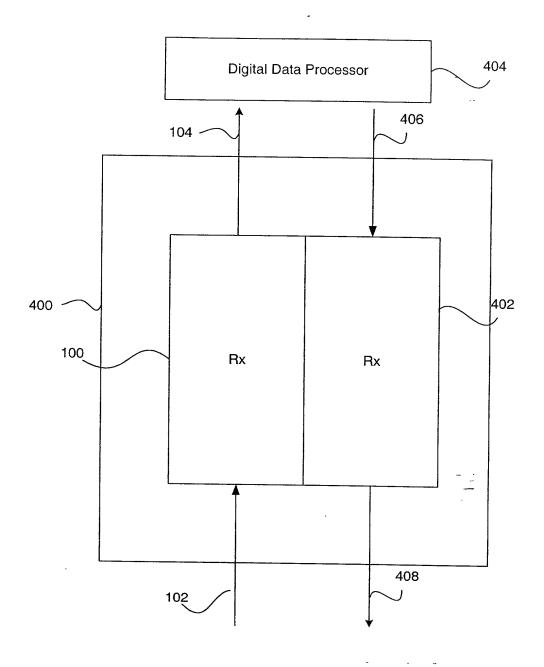
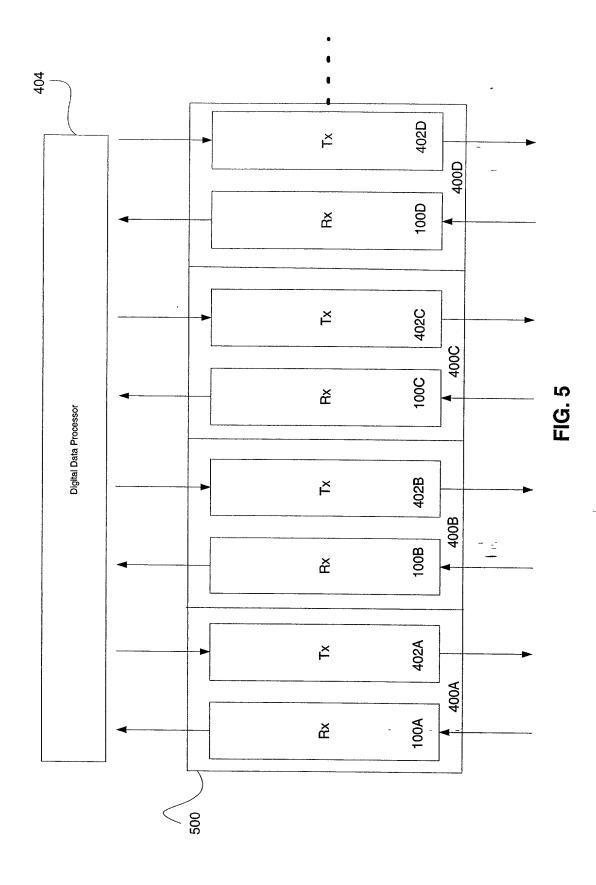


FIG. 4



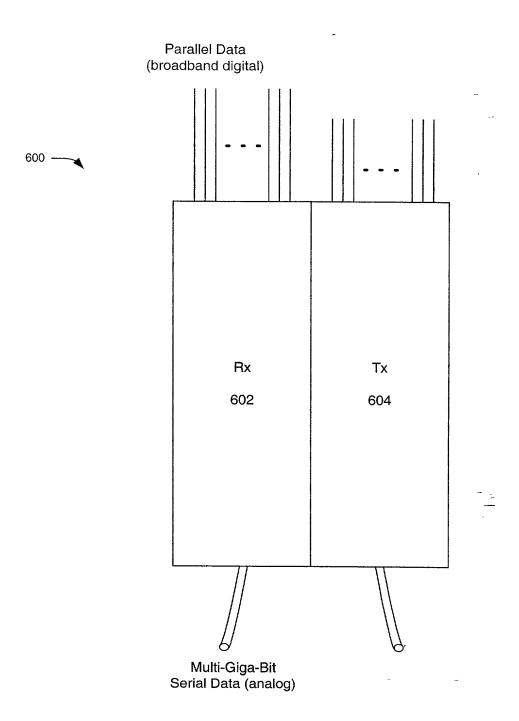


FIG. 6

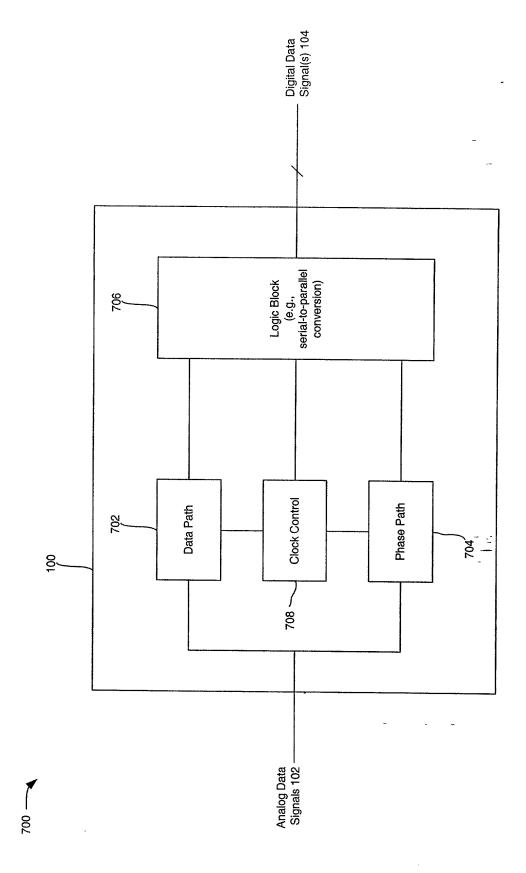


FIG. 7

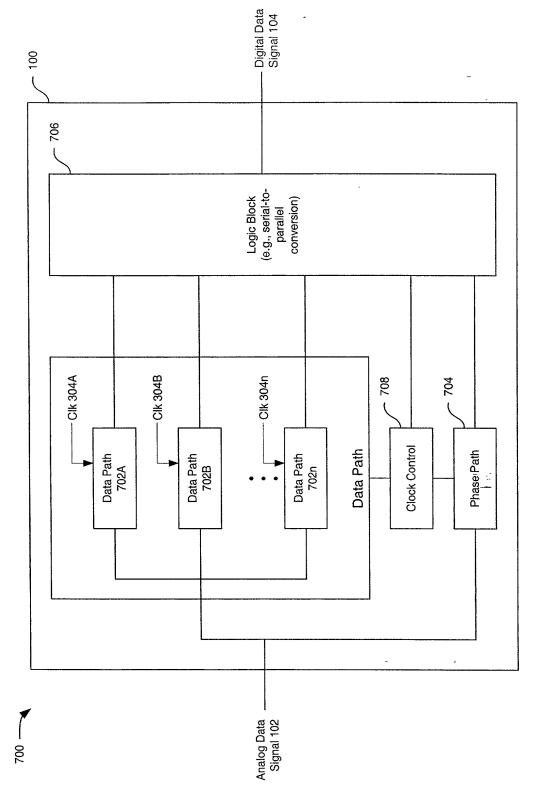


FIG. 8

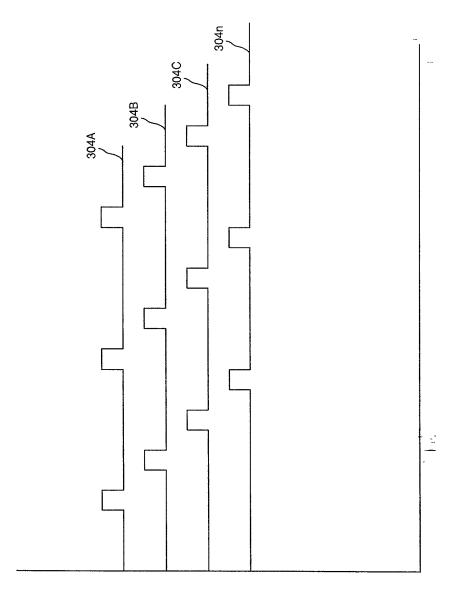
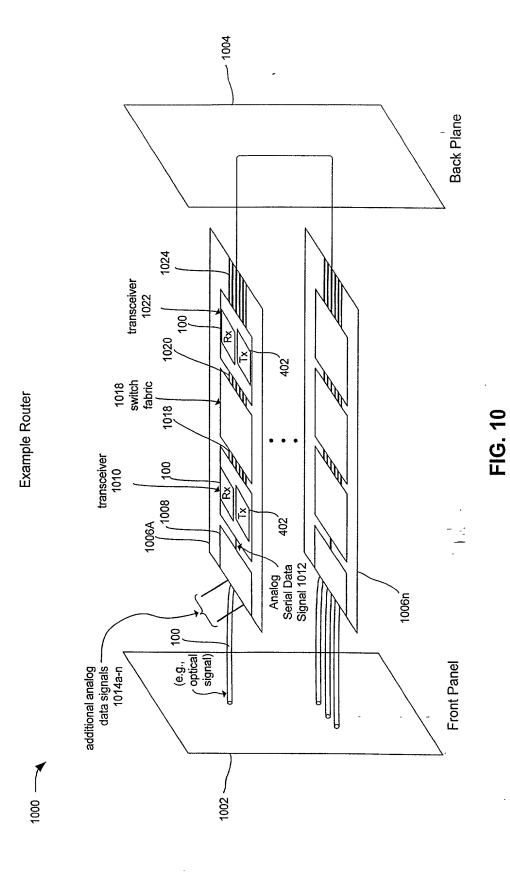


FIG. 9



## Receiver Eye Diagrams: 3.125-Gb/s

Backplane 36-inches FR4

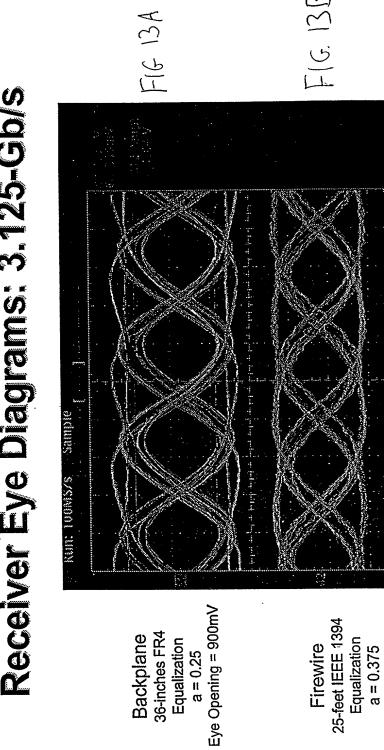
Firewire 25-feet IEEE 1,394 No Equalization

FIG. 11A

FIG. 12

Post-Transition Amplitude 1204

## Receiver Eye Diagrams: 3.125-Gb/s



Eye Opening = 750mV

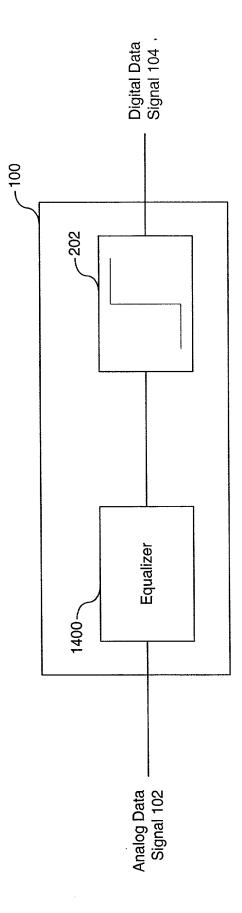


FIG. 14

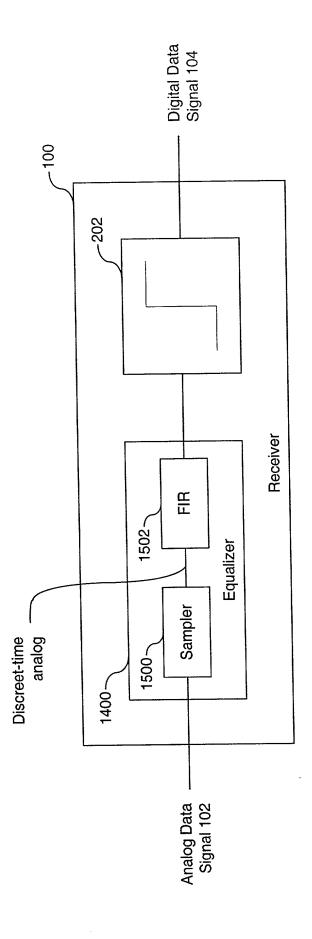


FIG. 15

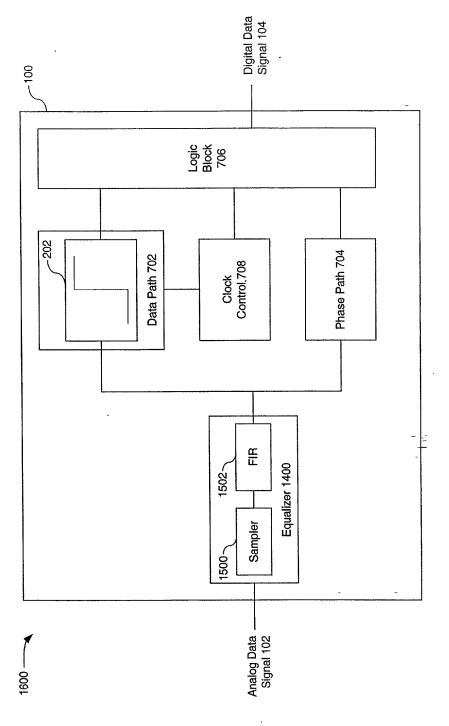


FIG. 16

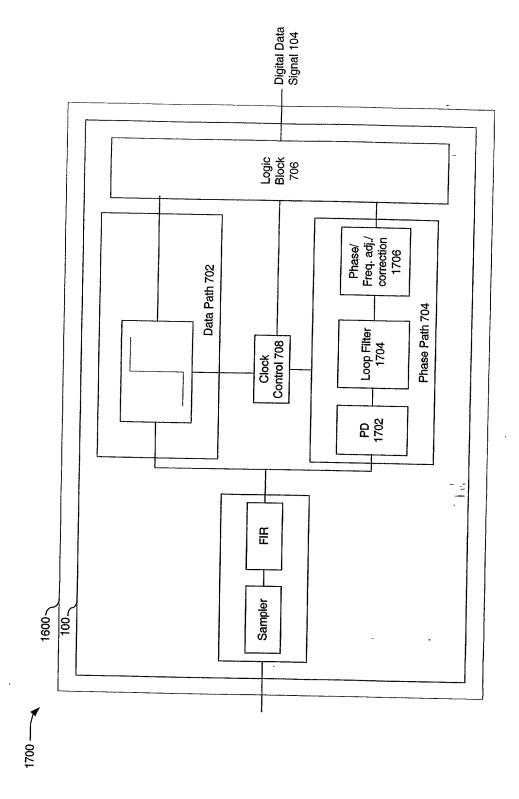


FIG. 17

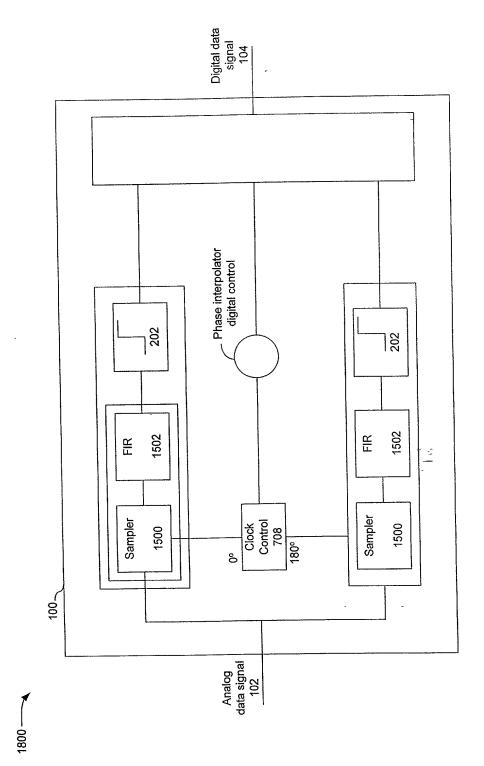


FIG. 18

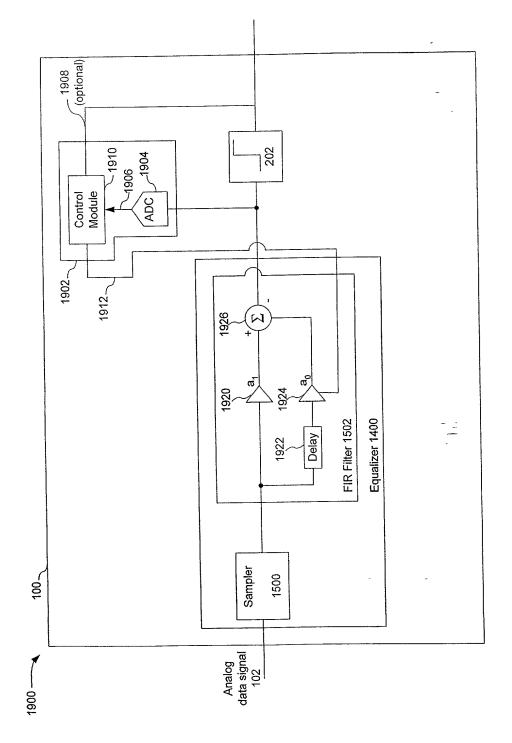


FIG. 19

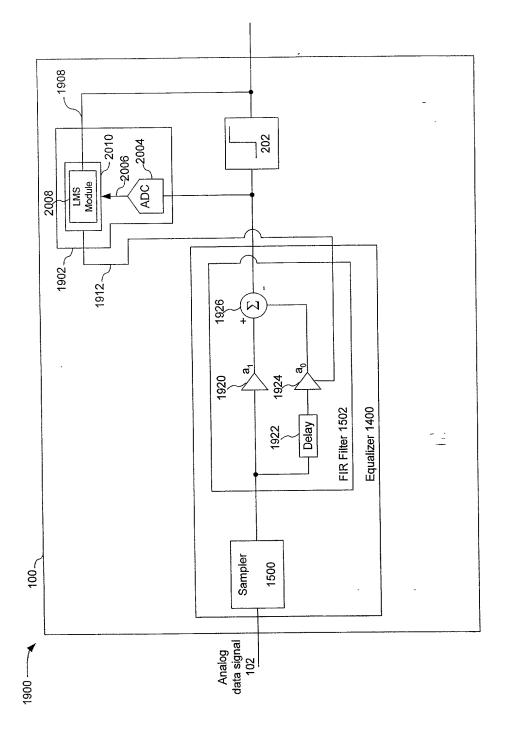


FIG. 20

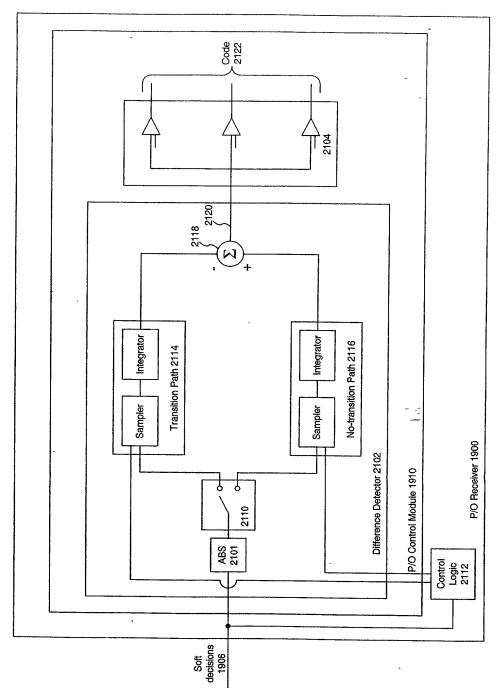


FIG. 21A

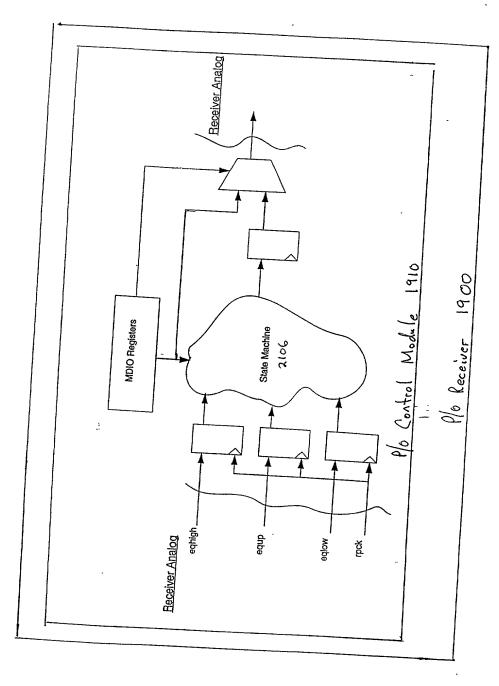
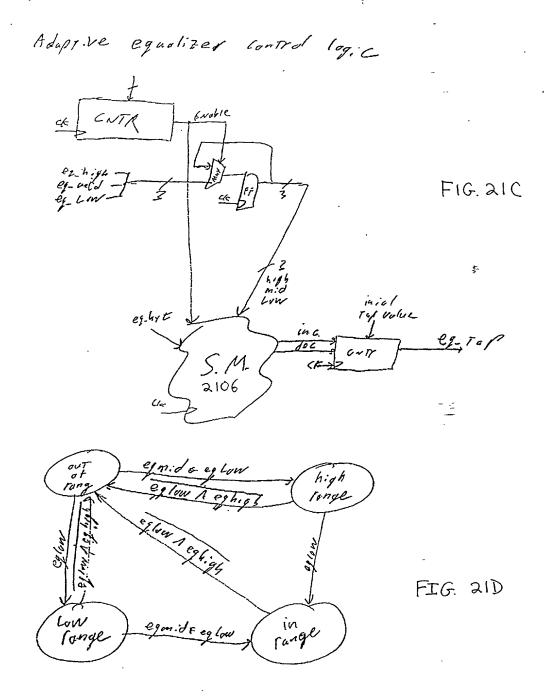
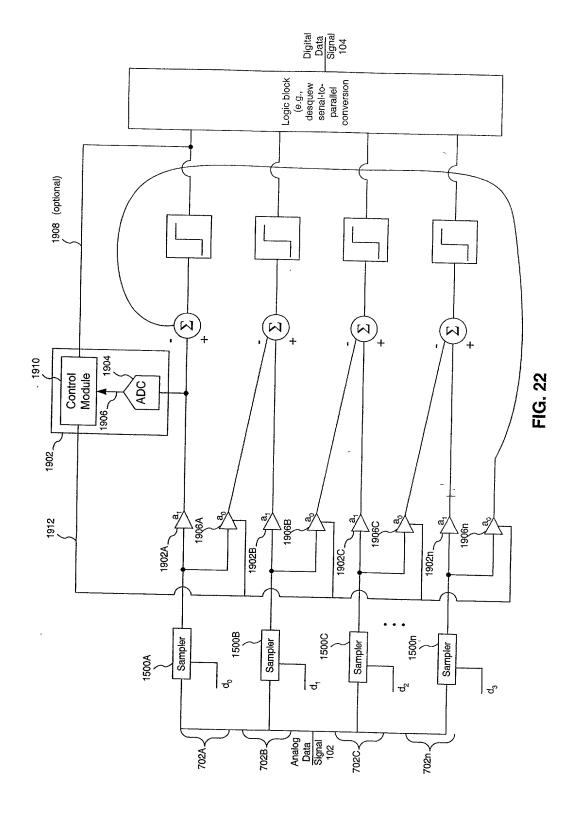


FIG. 21 B





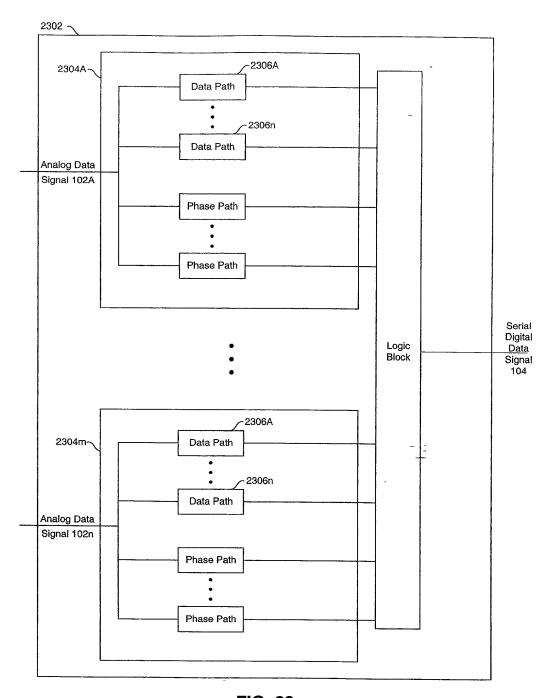


FIG. 23

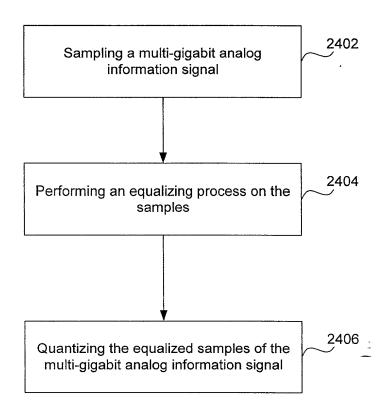


FIG. 24

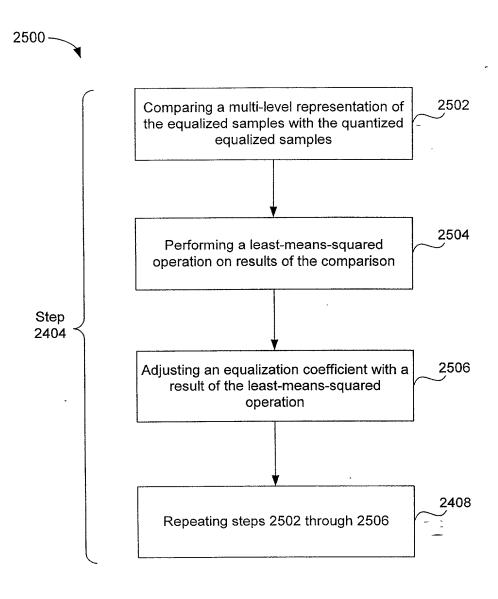


FIG. 25

2600 -

Step 2404 <sup>~</sup> Minimizing differences between posttransition sample amplitudes and steady state sample amplitudes of the samples 2602

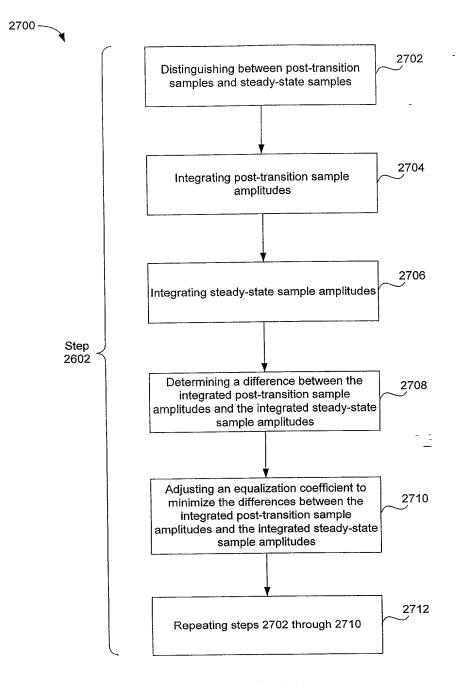


FIG. 27

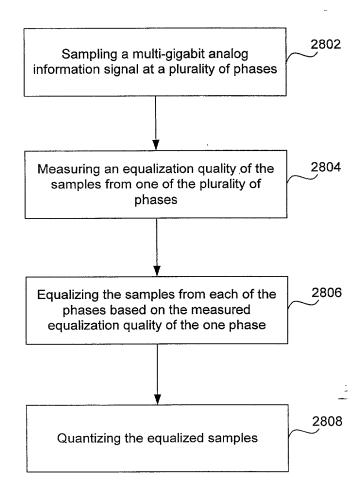


FIG. 28

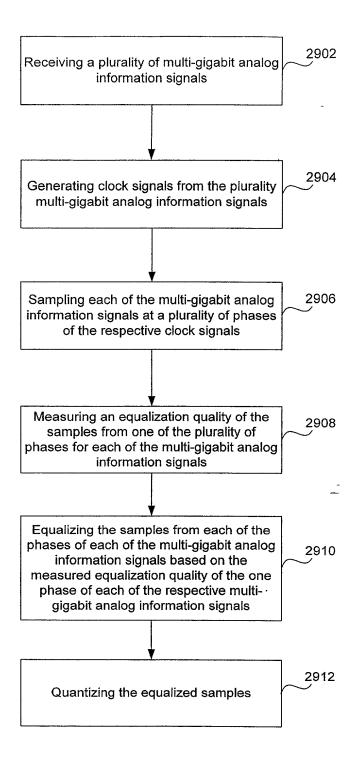


FIG. 29

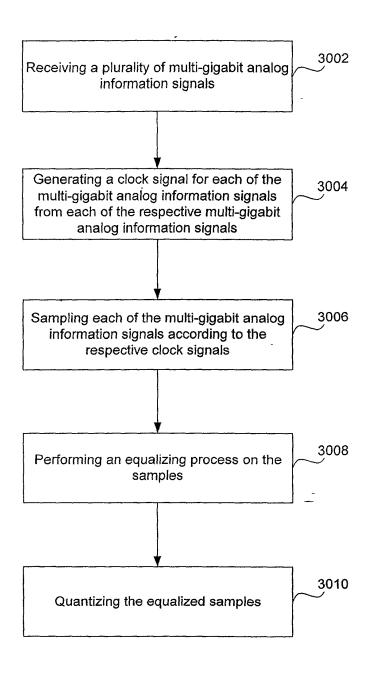


FIG. 30